

## **RF Exposure / SAR Statement**

**No. : 10604534S**

**Applicant : PIONEER CORPORATION**  
**Type of Equipment : Car Audio with Bluetooth**  
**Model No. : NXF-1858**  
**FCC ID : AJDK087**

---

PIONEER CORPORATION declares that Model : NXF-1858  
complies with FCC radiation exposure requirement specified in the FCC Rules 2.1091.

### **RF Exposure Calculations:**

The following information provides the minimum separation distance for the highest gain antenna provided with the "NXF-1858" as calculated from FCC Part 1, §1.1310, TABLE 1 (B) Limits for General Population / Uncontrolled Exposure. This calculation is based on the highest EIRP possible from the system, considering maximum power and antenna gain, and considering a 1.0mW/cm<sup>2</sup> uncontrolled exposure limit. The Friis formula used was:

$$S = (P * G) / (4 * \pi * r^2)$$

Where

**P = 0.34 mW (Maximum average output power)**  
**G = 0.91 Numerical Antenna gain; equal to -0.42 dBi**  
**r = 20.0 cm**

For: NXF-1858

**S = 0.00006 mW/cm<sup>2</sup>**

Even taking into account the tolerance, this device can be satisfied with the limits.

---

**UL Japan, Inc.**

**Shonan EMC Lab.**

1-22-3 Megumigaoka, Hiratsuka-shi, Kanagawa-ken, 259-1220 JAPAN  
Telephone : +81 463 50 6400  
Facsimile : +81 463 50 6401